

SEVERN  
TRENT  
SERVICES

**STL Los Angeles**

1721 South Grand Avenue  
Santa Ana, CA 92705-4808

Tel: (714) 258-8610  
Fax: (714) 258-0921

[www.stl-inc.com](http://www.stl-inc.com)

November 17, 2000

**STL LOT NUMBER: E0J260327**

Rus Purcell  
Kennedy/Jenks Consultants  
2151 Michelson Drive  
Suite 100  
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 15 samples received under chain of custody by STL Los Angeles on October 26, 2000. These samples are associated with your Boeing Parcel C; C-6 project.

All applicable quality control procedures met method-specified acceptance criteria. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,



Diane Suzuki  
Project Manager

cc: Project File



# **SEVERN TRENT LABORATORIES, INC. STANDARD TERMS AND CONDITIONS**

**ACCEPTANCE.** Sevem Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

**INSURANCE.** STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

**INDEPENDENT CONTRACTOR.** STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

**SUBCONTRACTING.** STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

**BILLING.** All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

**PAYMENT.** Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

**MODIFICATIONS.** If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

**TIME OF PERFORMANCE.** STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

**LIMITATION OF DAMAGES.** STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

**WARRANTY.** STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

**LIMITATION ACTION.** No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

**CONFIDENTIALITY.** Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

**SEVERABILITY.** The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

**WAIVER.** No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

**FORCE MAJEURE.** Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

**LITIGATION.** All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

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# SEVERN TRENT LABORATORIES

**CHAIN OF CUSTODY RECORD**

No. 203027

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0003

BOE-C6-0168648

## SEVERN TRENT LABORATORIES

1/21 South Grand Avenue

Phone: (714) 258-8610 / Fax: (714) 258-0921

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**LABORATORIES, INC.**  
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## EXECUTIVE SUMMARY - Detection Highlights

E0J260327

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-257-5 10/26/00 09:42 001</b>				
Aluminum	39000	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.96 B	6.0	mg/kg	SW846 6010B
Barium	164	2.0	mg/kg	SW846 6010B
Cadmium	0.78	0.50	mg/kg	SW846 6010B
Chromium	31.9	1.0	mg/kg	SW846 6010B
Beryllium	0.86	0.50	mg/kg	SW846 6010B
Lead	7.0	0.50	mg/kg	SW846 6010B
Cobalt	15.1	5.0	mg/kg	SW846 6010B
Copper	23.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.94 B	4.0	mg/kg	SW846 6010B
Nickel	18.4	4.0	mg/kg	SW846 6010B
Thallium	0.67 B	1.0	mg/kg	SW846 6010B
Vanadium	65.9	5.0	mg/kg	SW846 6010B
Zinc	66.6	2.0	mg/kg	SW846 6010B
<b>C-2-259-5 10/26/00 10:23 004</b>				
Mercury	0.033 B	0.10	mg/kg	SW846 7471A
Aluminum	30500	20.0	mg/kg	SW846 6010B
Arsenic	4.6	1.0	mg/kg	SW846 6010B
Antimony	0.70 B	6.0	mg/kg	SW846 6010B
Barium	131	2.0	mg/kg	SW846 6010B
Cadmium	0.79	0.50	mg/kg	SW846 6010B
Chromium	30.2	1.0	mg/kg	SW846 6010B
Beryllium	0.81	0.50	mg/kg	SW846 6010B
Lead	6.5	0.50	mg/kg	SW846 6010B
Cobalt	13.4	5.0	mg/kg	SW846 6010B
Copper	19.7	2.5	mg/kg	SW846 6010B
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B
Nickel	24.7	4.0	mg/kg	SW846 6010B
Vanadium	67.2	5.0	mg/kg	SW846 6010B
Zinc	65.3	2.0	mg/kg	SW846 6010B
<b>C-2-260-5 10/26/00 10:48 006</b>				
Mercury	0.053 B	0.10	mg/kg	SW846 7471A
Aluminum	38300	20.0	mg/kg	SW846 6010B
Arsenic	4.7	1.0	mg/kg	SW846 6010B
Antimony	0.86 B	6.0	mg/kg	SW846 6010B
Barium	183	2.0	mg/kg	SW846 6010B
Cadmium	0.80	0.50	mg/kg	SW846 6010B
Chromium	38.4	1.0	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J260327

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>C-2-260-5 10/26/00 10:48 006</b>				
Beryllium	0.93	0.50	mg/kg	SW846 6010B
Lead	6.9	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	19.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	19.9	4.0	mg/kg	SW846 6010B
Vanadium	68.8	5.0	mg/kg	SW846 6010B
Zinc	67.9	2.0	mg/kg	SW846 6010B
<b>C-2-261-5 10/26/00 11:23 008</b>				
Aluminum	25200	20.0	mg/kg	SW846 6010B
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Antimony	0.74 B	6.0	mg/kg	SW846 6010B
Barium	126	2.0	mg/kg	SW846 6010B
Cadmium	0.50	0.50	mg/kg	SW846 6010B
Chromium	23.1	1.0	mg/kg	SW846 6010B
Beryllium	0.69	0.50	mg/kg	SW846 6010B
Lead	5.2	0.50	mg/kg	SW846 6010B
Cobalt	12.2	5.0	mg/kg	SW846 6010B
Copper	13.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.67 B	4.0	mg/kg	SW846 6010B
Nickel	13.0	4.0	mg/kg	SW846 6010B
Vanadium	48.9	5.0	mg/kg	SW846 6010B
Zinc	45.5	2.0	mg/kg	SW846 6010B
<b>C-2-262-5 10/26/00 12:47 010</b>				
Aluminum	23500	20.0	mg/kg	SW846 6010B
Arsenic	3.5	1.0	mg/kg	SW846 6010B
Antimony	0.25 B	6.0	mg/kg	SW846 6010B
Barium	131	2.0	mg/kg	SW846 6010B
Cadmium	0.82	0.50	mg/kg	SW846 6010B
Chromium	23.0	1.0	mg/kg	SW846 6010B
Beryllium	0.62	0.50	mg/kg	SW846 6010B
Lead	5.3	0.50	mg/kg	SW846 6010B
Cobalt	9.3	5.0	mg/kg	SW846 6010B
Copper	18.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.82 B	4.0	mg/kg	SW846 6010B
Nickel	15.3	4.0	mg/kg	SW846 6010B
Vanadium	44.0	5.0	mg/kg	SW846 6010B
Zinc	55.9	2.0	mg/kg	SW846 6010B

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## EXECUTIVE SUMMARY - Detection Highlights

E0J260327

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C-2-263-5 10/26/00 13:25 012				
Aluminum	30200	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Antimony	0.56 B	6.0	mg/kg	SW846 6010B
Barium	222	2.0	mg/kg	SW846 6010B
Cadmium	0.77	0.50	mg/kg	SW846 6010B
Chromium	31.8	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.5	0.50	mg/kg	SW846 6010B
Cobalt	11.7	5.0	mg/kg	SW846 6010B
Copper	26.2	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	23.4	4.0	mg/kg	SW846 6010B
Vanadium	65.8	5.0	mg/kg	SW846 6010B
Zinc	72.5	2.0	mg/kg	SW846 6010B
C-2-263-10 10/26/00 13:35 013				
Trichloroethene	2.4 J	5.0	ug/kg	SW846 8260B

0007

BOE-C6-0168653

## METHODS SUMMARY

E0J260327

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

### References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

0008

# SAMPLE SUMMARY

E0J260327

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DNWD0	001	C-2-257-5	10/26/00	09:42
DNWD3	002	C-2-257-10	10/26/00	09:46
DNWD6	003	C-2-257-15	10/26/00	09:55
DNWD8	004	C-2-259-5	10/26/00	10:23
DNWEA	005	C-2-259-10	10/26/00	10:29
DNWEC	006	C-2-260-5	10/26/00	10:48
DNWEE	007	C-2-260-10	10/26/00	10:52
DNWEF	008	C-2-261-5	10/26/00	11:23
DNWEG	009	C-2-261-10	10/26/00	11:32
DNWEH	010	C-2-262-5	10/26/00	12:47
DNWEJ	011	C-2-262-10	10/26/00	13:00
DNWEK	012	C-2-263-5	10/26/00	13:25
DNWEL	013	C-2-263-10	10/26/00	13:35
DNWEM	014	C-2-10/26 rinsate	10/26/00	16:00
DNWEN	015	TRIP BLANK	10/26/00	16:00

## NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

0069

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-001 Work Order #....: DNWD01AC Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:42 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 12:58  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<hr/>		<hr/>		
SURROGATE	PERCENT	RECOVERY		
Benzo (a) pyrene	RECOVERY	LIMITS		
	97	(60 - 130)		

GLAU

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC Volatiles

Lot-Sample #....: E0J260327-001 Work Order #....: DNWD01AD Matrix.....: SOLID  
Date Sampled....: 10/26/00 09:42 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 20:53  
Dilution Factor: 1  
% Moisture.....:  
Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT RECOVERY			
	RECOVERY	LIMITS	(60 - 130)	
a,a,a-Trifluorotoluene (TFT)	96			

0011

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-001   Work Order #....: DNWD01AA   Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:42   Date Received...: 10/26/00 17:15   MS Run #.....: 0312091  
 Prep Date.....: 11/04/00   Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245   Analysis Time...: 11:18  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590   Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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6012

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-001 Work Order #....: DNWD01AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	115	(70 - 130)		
1,2-Dichloroethane-d4	89	(60 - 140)		
Toluene-d8	108	(70 - 130)		

0013

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC Semivolatiles

Lot-Sample #....: E0J260327-002   Work Order #....: DNWD31AC   Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:46   Date Received...: 10/26/00 17:15   MS Run #.....: 0301266  
 Prep Date.....: 10/27/00   Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527   Analysis Time...: 13:28  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074   Instrument ID...: G01  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
Benzo (a) pyrene		RECOVERY	LIMITS	
		92	(60 - 130)	

0014

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC Volatiles

Lot-Sample #....: E0J260327-002 Work Order #....: DNWD31AD Matrix.....: SOLID  
Date Sampled...: 10/26/00 09:46 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 21:22  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS	(60 - 130)	
a,a,a-Trifluorotoluene (TFT)	97			

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-002    Work Order #....: DNWD31AA    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:46    Date Received...: 10/26/00 17:15    MS Run #.....: 0309032  
 Prep Date.....: 11/04/00    Analysis Date...: 11/04/00  
 Prep Batch #....: 0309145    Analysis Time...: 08:08  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590    Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-002 Work Order #....: DNWD31AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	122	(70 - 130)		
1,2-Dichloroethane-d4	100	(60 - 140)		
Toluene-d8	114	(70 - 130)		

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-15

## GC Semivolatiles

Lot-Sample #....: E0J260327-003 Work Order #....: DNWD61AC Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:55 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 13:59  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		85	(60 - 130)	

0018

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-15

## GC Volatiles

Lot-Sample #....: E0J260327-003 Work Order #....: DNWD61AD Matrix.....: SOLID  
Date Sampled....: 10/26/00 09:55 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 21:50  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>		RECOVERY		
a,a,a-Trifluorotoluene (TFT)	97	LIMITS	(60 - 130)	

0014

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-15

## GC/MS Volatiles

Lot-Sample #....: E0J260327-003    Work Order #....: DNWD61AA    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:55    Date Received...: 10/26/00 17:15    MS Run #.....: 0312091  
 Prep Date.....: 11/04/00    Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245    Analysis Time...: 11:51  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590    Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorodifluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0040

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-15

## GC/MS Volatiles

Lot-Sample #....: E0J260327-003 Work Order #....: DNWD61AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	118	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	103	(70 - 130)

0124

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-004    Work Order #....: DNWD81AD    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:23    Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00              Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527              Analysis Time...: 14:29  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074              Instrument ID...: G01  
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY			
	RECOVERY	LIMITS	(60 - 130)	
Benzo (a) pyrene	90			

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## GC Volatiles

Lot-Sample #....: E0J260327-004 Work Order #....: DNWD81AE Matrix.....: SOLID  
Date Sampled....: 10/26/00 10:23 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 22:19  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>				
a,a,a-Trifluorotoluene (TFT)	PERCENT RECOVERY	RECOVERY <u>LIMITS</u>	(60 - 130)	

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-004    Work Order #....: DNWD81AC    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:23    Date Received...: 10/26/00 17:15    MS Run #.....: 0312091  
 Prep Date.....: 11/04/00    Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245    Analysis Time...: 13:29  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590    Instrument ID...: MSG  
 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-004 Work Order #....: DNWD81AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	91	(60 - 140)		
Toluene-d8	105	(70 - 130)		

0025

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-005 Work Order #....: DNWEA1AA Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:29 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 14:02  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0026

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-10

## GC/MS Volatiles

Lot-Sample #...: E0J260327-005 Work Order #...: DNWEA1AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	116	(70 - 130)		
1,2-Dichloroethane-d4	100	(60 - 140)		
Toluene-d8	109	(70 - 130)		

0027

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-006 Work Order #....: DNWEC1AD Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:48 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 14:59  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Benzo(a)pyrene	81	(60 - 130)		

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-5

## GC Volatiles

Lot-Sample #....: E0J260327-006 Work Order #....: DNWEC1AE Matrix.....: SOLID  
Date Sampled....: 10/26/00 10:48 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 22:47  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	96	(60 - 130)		

0029

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-006    Work Order #....: DNWEC1AC    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:48    Date Received...: 10/26/00 17:15    MS Run #.....: 0312091  
 Prep Date.....: 11/04/00    Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245    Analysis Time...: 14:35  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590    Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0030

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-006 Work Order #....: DNWEC1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	112	(70 - 130)		
1,2-Dichloroethane-d4	106	(60 - 140)		
Toluene-d8	107	(70 - 130)		

0031

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-007 Work Order #....: DNWEE1AA Matrix.....: SOLID  
 Date Sampled....: 10/26/00 10:52 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 15:08  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0632

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-10

## GC/MS Volatiles

Lot-Sample #...: E0J260327-007 Work Order #...: DNWEE1AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	112	(70 - 130)		
1,2-Dichloroethane-d4	99	(60 - 140)		
Toluene-d8	105	(70 - 130)		

0033

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-008 Work Order #....: DNWEF1AD Matrix.....: SOLID  
 Date Sampled....: 10/26/00 11:23 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 15:29  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
	<u>RECOVERY</u>	<u>LIMITS</u>	(60 - 130)	
Benzo (a) pyrene	95			

0034

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

GC Volatiles

Lot-Sample #....: E0J260327-008 Work Order #....: DNWEF1AE Matrix.....: SOLID  
Date Sampled....: 10/26/00 11:23 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 23:16  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE		RECOVERY		
a,a,a-Trifluorotoluene (TFT)		RECOVERY	LIMITS	
		96	(60 - 130)	

0035

BOE-C6-0168681

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-008 Work Order #....: DNWEF1AC Matrix.....: SOLID  
 Date Sampled....: 10/26/00 11:23 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 15:41  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0036

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-008 Work Order #....: DNWEF1AC Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING				
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>		
Tetrachloroethene	ND	5.0	ug/kg	2.0		
2-Hexanone	ND	25	ug/kg	10		
Dibromochloromethane	ND	5.0	ug/kg	5.0		
1,2-Dibromoethane	ND	5.0	ug/kg	3.0		
Chlorobenzene	ND	5.0	ug/kg	2.0		
Ethylbenzene	ND	5.0	ug/kg	2.0		
Xylenes (total)	ND	5.0	ug/kg	3.0		
Styrene	ND	10	ug/kg	2.0		
Bromoform	ND	5.0	ug/kg	3.0		
Isopropylbenzene	ND	5.0	ug/kg	2.0		
p-Isopropyltoluene	ND	5.0	ug/kg	2.0		
Bromobenzene	ND	5.0	ug/kg	2.0		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0		
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0		
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0		
n-Propylbenzene	ND	5.0	ug/kg	2.0		
2-Chlorotoluene	ND	5.0	ug/kg	2.0		
4-Chlorotoluene	ND	5.0	ug/kg	2.0		
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0		
tert-Butylbenzene	ND	5.0	ug/kg	2.0		
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0		
sec-Butylbenzene	ND	5.0	ug/kg	2.0		
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0		
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0		
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0		
n-Butylbenzene	ND	5.0	ug/kg	2.0		
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0		
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0		
Hexachlorobutadiene	ND	5.0	ug/kg	2.0		
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0		
t-Butanol	ND	100	ug/kg	50		
Isopropyl ether	ND	10	ug/kg	1.0		
Tert-amyl methyl ether	ND	10	ug/kg	2.0		
Tert-butyl ethyl ether	ND	10	ug/kg	1.0		
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>			
Bromofluorobenzene	115	(70 - 130)				
1,2-Dichloroethane-d4	97	(60 - 140)				
Toluene-d8	105	(70 - 130)				

0037

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-009   Work Order #....: DNWEG1AA   Matrix.....: SOLID  
 Date Sampled....: 10/26/00 11:32   Date Received...: 10/26/00 17:15   MS Run #.....: 0312091  
 Prep Date.....: 11/04/00   Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245   Analysis Time...: 16:14  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590   Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-009 Work Order #....: DNWEG1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		MDL
		LIMIT	UNITS	
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Bromofluorobenzene	112	(70	- 130)
1,2-Dichloroethane-d4	99	(60	- 140)
Toluene-d8	104	(70	- 130)

0039

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-010 Work Order #....: DNWEH1AD Matrix.....: SOLID  
 Date Sampled....: 10/26/00 12:47 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 15:59  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>				
<u>Benzo (a) pyrene</u>		<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
		80	(60 - 130)	

0040

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## GC Volatiles

Lot-Sample #....: E0J260327-010 Work Order #....: DNWEH1AE Matrix.....: SOLID  
Date Sampled....: 10/26/00 12:47 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/27/00  
Prep Batch #....: 0304512 Analysis Time...: 23:44  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<hr/>				
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)	RECOVERY		(60 - 130)	
	95			

0041

BOE-C6-0168687

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-010    Work Order #....: DNWEH1AC    Matrix.....: SOLID  
 Date Sampled....: 10/26/00 12:47    Date Received...: 10/26/00 17:15    MS Run #.....: 0312091  
 Prep Date.....: 11/04/00    Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245    Analysis Time...: 16:47  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590    Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0042

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-010 Work Order #....: DNWEH1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
SURROGATE		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	109		(70 - 130)	
1,2-Dichloroethane-d4	97		(60 - 140)	
Toluene-d8	105		(70 - 130)	

0043

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-011 Work Order #....: DNWEJ1AA Matrix.....: SOLID  
 Date Sampled....: 10/26/00 13:00 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 17:20  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0044

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-011 Work Order #....: DNWEJ1AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	110	(70 - 130)		
1,2-Dichloroethane-d4	103	(60 - 140)		
Toluene-d8	106	(70 - 130)		

0045

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## GC Semivolatiles

Lot-Sample #....: E0J260327-012 Work Order #....: DNWEK1AD Matrix.....: SOLID  
 Date Sampled....: 10/26/00 13:25 Date Received...: 10/26/00 17:15 MS Run #.....: 0301266  
 Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527 Analysis Time...: 16:29  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 356074 Instrument ID...: G01  
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	RECOVERY		
		<u>LIMITS</u>	(60 - 130)	
Benzo(a)pyrene	86			

0046

BOE-C6-0168692

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## GC Volatiles

Lot-Sample #....: E0J260327-012 Work Order #....: DNWEK1AE Matrix.....: SOLID  
Date Sampled....: 10/26/00 13:25 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00 Analysis Date...: 10/28/00  
Prep Batch #....: 0304512 Analysis Time...: 00:13  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 001464 Instrument ID...: G16  
Method.....: SW846 8015B

<u>PARAMETER</u>	REPORTING			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	PERCENT RECOVERY			
	<u>RECOVERY</u>	<u>LIMITS</u>	(60 - 130)	
a,a,a-Trifluorotoluene (TFT)	97			

0047

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-012 Work Order #....: DNWEK1AC Matrix.....: SOLID  
 Date Sampled....: 10/26/00 13:25 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 17:53  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## GC/MS Volatiles

Lot-Sample #....: E0J260327-012 Work Order #....: DNWEK1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	98	(60 - 140)		
Toluene-d8	106	(70 - 130)		

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-013 Work Order #....: DNWEL1AA Matrix.....: SOLID  
 Date Sampled....: 10/26/00 13:35 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 18:25  
 Dilution Factor: 1  
 % Moisture.....:  
 Analyst ID.....: 015590 Instrument ID...: MSG  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.4 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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0050

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-10

## GC/MS Volatiles

Lot-Sample #....: E0J260327-013 Work Order #....: DNWEL1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
t-Butanol	ND	100	ug/kg	50
Isopropyl ether	ND	10	ug/kg	1.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	115	(70 - 130)		
1,2-Dichloroethane-d4	105	(60 - 140)		
Toluene-d8	108	(70 - 130)		

## NOTE(S) :

J Estimated result. Result is less than RL.

0051

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/26 rinsate

## GC/MS Volatiles

Lot-Sample #....: E0J260327-014 Work Order #....: DNWEM1AA Matrix.....: WATER  
 Date Sampled....: 10/26/00 16:00 Date Received...: 10/26/00 17:15 MS Run #.....: 0303005  
 Prep Date.....: 10/27/00 Analysis Date...: 10/28/00  
 Prep Batch #....: 0303095 Analysis Time...: 03:48  
 Dilution Factor: 1  
 Analyst ID.....: 015590 Instrument ID...: MSC  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
1-Bromo-2-chloroethane	ND	1.0	ug/L	0.50
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	2.0	ug/L	0.40
1,1-Dichloroethane	ND	1.0	ug/L	0.20
1,2-Dichloroethane	ND	1.0	ug/L	0.20
1,1-Dichloroethene	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
1,2-Dichloropropane	ND	1.0	ug/L	0.20
1,3-Dichloropropane	ND	1.0	ug/L	0.40
2,2-Dichloropropane	ND	1.0	ug/L	0.30

(Continued on next page)

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/26 rinsate

## GC/MS Volatiles

Lot-Sample #...: E0J260327-014 Work Order #...: DNWEM1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	1.0	ug/L	0.30
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.30
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.50
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Naphthalene	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	2.0	ug/L	0.30
m-Xylene & p-Xylene	ND	1.0	ug/L	0.50
o-Xylene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Isopropyl ether	ND	2.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Iodomethane	ND	5.0	ug/L	1.0
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0

(Continued on next page)

0053

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-10/26 rinsate

## GC/MS Volatiles

Lot-Sample #....: E0J260327-014 Work Order #....: DNWEM1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	104	(75 - 120)		
1,2-Dichloroethane-d4	115	(65 - 130)		
Toluene-d8	102	(80 - 130)		

0054

BOE-C6-0168700

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

## GC/MS Volatiles

Lot-Sample #....: E0J260327-015 Work Order #....: DNWEN1AA Matrix.....: WATER  
 Date Sampled....: 10/26/00 16:00 Date Received...: 10/26/00 17:15 MS Run #.....: 0303005  
 Prep Date.....: 10/27/00 Analysis Date...: 10/28/00  
 Prep Batch #....: 0303095 Analysis Time...: 04:18  
 Dilution Factor: 1  
 Analyst ID.....: 015590 Instrument ID...: MSC  
 Method.....: SW846 8260B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
1-Bromo-2-chloroethane	ND	1.0	ug/L	0.50
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	2.0	ug/L	0.40
1,1-Dichloroethane	ND	1.0	ug/L	0.20
1,2-Dichloroethane	ND	1.0	ug/L	0.20
1,1-Dichloroethene	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
1,2-Dichloropropane	ND	1.0	ug/L	0.20
1,3-Dichloropropane	ND	1.0	ug/L	0.40
2,2-Dichloropropane	ND	1.0	ug/L	0.30

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0055

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

## GC/MS Volatiles

Lot-Sample #...: E0J260327-015 Work Order #...: DNWEN1AA Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,1-Dichloropropene	ND	1.0	ug/L	0.30
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.30
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.50
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Naphthalene	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	2.0	ug/L	0.30
m-Xylene & p-Xylene	ND	1.0	ug/L	0.50
o-Xylene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Isopropyl ether	ND	2.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Iodomethane	ND	5.0	ug/L	1.0
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0

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0056

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

## GC/MS Volatiles

Lot-Sample #....: E0J260327-015 Work Order #....: DNWEN1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
<hr/>				
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	103	(75 - 120)		
1,2-Dichloroethane-d4	112	(65 - 130)		
Toluene-d8	104	(80 - 130)		

0057

KENNEDY/JENKS CONSULTANTS

C-2-257-5

GC/MS Volatiles

Lot-Sample #: E0J260327-001      Work Order #: DNWD01AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0058

BOE-C6-0168704

KENNEDY/JENKS CONSULTANTS

C-2-257-10

GC/MS Volatiles

Lot-Sample #: E0J260327-002      Work Order #: DNWD31AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0059

BOE-C6-0168705

KENNEDY/JENKS CONSULTANTS

C-2-257-15

GC/MS Volatiles

Lot-Sample #: E0J260327-003      Work Order #: DNWD61AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0060

BOE-C6-0168706

KENNEDY/JENKS CONSULTANTS

C-2-259-5

GC/MS Volatiles

Lot-Sample #: E0J260327-004      Work Order #: DNWD81AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0061

BOE-C6-0168707

KENNEDY/JENKS CONSULTANTS

C-2-259-10

GC/MS Volatiles

Lot-Sample #: E0J260327-005      Work Order #: DNWEA1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-260-5

GC/MS Volatiles

Lot-Sample #: E0J260327-006      Work Order #: DNWEC1AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0063

BOE-C6-0168709

KENNEDY/JENKS CONSULTANTS

C-2-260-10

GC/MS Volatiles

Lot-Sample #: E0J260327-007      Work Order #: DNWEE1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0064

BOE-C6-0168710

KENNEDY/JENKS CONSULTANTS

C-2-261-5

GC/MS Volatiles

Lot-Sample #: E0J260327-008      Work Order #: DNWEF1AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0065

BOE-C6-0168711

KENNEDY/JENKS CONSULTANTS

C-2-261-10

GC/MS Volatiles

Lot-Sample #: E0J260327-009      Work Order #: DNWEG1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0066

BOE-C6-0168712

KENNEDY/JENKS CONSULTANTS

C-2-262-5

**GC/MS Volatiles**

**Lot-Sample #:** E0J260327-010    **Work Order #:** DNWEH1AC    **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0067

BOE-C6-0168713

KENNEDY/JENKS CONSULTANTS

C-2-262-10

GC/MS Volatiles

Lot-Sample #: E0J260327-011      Work Order #: DNWEJ1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0068

BOE-C6-0168714

KENNEDY/JENKS CONSULTANTS

C-2-263-5

GC/MS Volatiles

Lot-Sample #: E0J260327-012      Work Order #: DNWEK1AC      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0069

BOE-C6-0168715

KENNEDY/JENKS CONSULTANTS

C-2-263-10

GC/MS Volatiles

Lot-Sample #: E0J260327-013      Work Order #: DNWEL1AA      Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0070

BOE-C6-0168716

KENNEDY/JENKS CONSULTANTS

C-2-10/26 rinsate

GC/MS Volatiles

Lot-Sample #: E0J260327-014      Work Order #: DNWEM1AA      Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
----		--	M	ug/L

NOTE (S) :

M: Result was measured against nearest internal standard assuming a response factor of 1.

0071

BOE-C6-0168717

KENNEDY/JENKS CONSULTANTS

TRIP BLANK

GC/MS Volatiles

Lot-Sample #: E0J260327-015      Work Order #: DNWEN1AA      Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED	RETENTION	UNITS
		RESULT	TIME	
---		1.1	M	ug/L

NOTE (S) :

M: Result was measured against nearest internal standard assuming a response factor of 1.

0072

BOE-C6-0168718

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## TOTAL Metals

Lot-Sample #....: E0J260327-001 Matrix.....: SOLID  
 Date Sampled....: 10/26/00 09:42 Date Received..: 10/26/00 17:15  
 % Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 0304274							
Aluminum	39000	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AE	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AF	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Antimony	0.96 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AG	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.20	
Barium	164	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AH	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cadmium	0.78	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AJ	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Chromium	31.9	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AK	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Beryllium	0.86	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AL	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.050	
Lead	7.0	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AM	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWD01AN	
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	

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0073

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-257-5

## TOTAL Metals

Lot-Sample #...: E0J260327-001

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AP
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Cobalt	15.1	5.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AQ
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Copper	23.5	2.5	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AR
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.40	
Molybdenum	0.94 B	4.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AT
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Nickel	18.4	4.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AU
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.30	
Thallium	0.67 B	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AV
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.50	
Vanadium	65.9	5.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AW
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 0.10	
Zinc	66.6	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWD01AX
		Dilution Factor: 1		Analysis Time...: 22:23		Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....: 1.0	
<b>Prep Batch #...: 0304281</b>							
Mercury	ND	0.10	mg/kg	SW846 7471A		10/31-11/01/00	DNWD01A0
		Dilution Factor: 1		Analysis Time...: 19:23		Analyst ID.....: 0210886	
		Instrument ID...: M04		MS Run #.....: 0304138		MDL.....: 0.020	

**NOTE(S) :**

B Estimated result. Result is less than RL.

0074

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## TOTAL Metals

Lot-Sample #....: E0J260327-004

Matrix.....: SOLID

Date Sampled....: 10/26/00 10:23 Date Received..: 10/26/00 17:15

% Moisture.....:

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
<b>Prep Batch #....: 0304274</b>							
Aluminum	30500	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AF	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0		
Arsenic	4.6	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AG	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		
Antimony	0.70 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AH	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20		
Barium	131	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AJ	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Cadmium	0.79	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AK	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Chromium	30.2	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AL	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Beryllium	0.81	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AM	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Lead	6.5	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AN	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWD81AP	
		Dilution Factor: 1		Analysis Time...: 22:31	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		

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0075

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-259-5

## TOTAL Metals

Lot-Sample #....: E0J260327-004

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AQ
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Cobalt	13.4	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AR
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Copper	19.7	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AT
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40
Molybdenum	0.97 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AU
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Nickel	24.7	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AV
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AW
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50
Vanadium	67.2	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81AX
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Zinc	65.3	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWD81A0
		Dilution Factor: 1			Analysis Time...: 22:31		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0
Prep Batch #....: 0304281							
Mercury	0.033 B	0.10	mg/kg		SW846 7471A	10/31-11/01/00	DNWD81AA
		Dilution Factor: 1			Analysis Time...: 19:25		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020

## NOTE(S) :

B Estimated result. Result is less than RL.

0076

**KENNEDY/JENKS CONSULTANTS**

Client Sample ID: C-2-260-5

### TOTAL Metals

Lot-Sample #....: E0J260327-006 Matrix.....: SOLID  
Date Sampled...: 10/26/00 10:48 Date Received..: 10/26/00 17:15  
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 0304274						
Aluminum	38300	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AF
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	4.7	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AG
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.86 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AH
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20	
Barium	183	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AJ
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	0.80	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AK
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	38.4	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AL
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.93	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AM
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Lead	6.9	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AN
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEC1AP
		Dilution Factor: 1		Analysis Time...: 22:39	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	

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0077

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-260-5

## TOTAL Metals

Lot-Sample #....: E0J260327-006

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AQ
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Cobalt	10.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AR
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Copper	19.6	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AT
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40
Molybdenum	1.2 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AU
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Nickel	19.9	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AV
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AW
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50
Vanadium	68.8	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AX
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Zinc	67.9	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEC1AO
		Dilution Factor: 1			Analysis Time...: 22:39		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0
Prep Batch #....:	0304281						
Mercury	0.053 B	0.10	mg/kg		SW846 7471A	10/31-11/01/00	DNWEC1AA
		Dilution Factor: 1			Analysis Time...: 19:27		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020

## NOTE(S) :

B Estimated result. Result is less than RL.

0078

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

### TOTAL Metals

Lot-Sample #....: E0J260327-008 Matrix.....: SOLID  
Date Sampled...: 10/26/00 11:23 Date Received...: 10/26/00 17:15  
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 0304274						
Aluminum	25200	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AF
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 003119	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0	
Arsenic	2.7	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AG
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	
Antimony	0.74 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AH
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20	
Barium	126	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AJ
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Cadmium	0.50	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AK
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Chromium	23.1	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AL
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10	
Beryllium	0.69	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AM
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050	
Lead	5.2	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AN
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DNWEF1AP
		Dilution Factor: 1		Analysis Time...: 22:47	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40	

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## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-261-5

## TOTAL Metals

Lot-Sample #....: E0J260327-008

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AQ
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Cobalt	12.2	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AR
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Copper	13.8	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AT
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40
Molybdenum	0.67 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AU
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Nickel	13.0	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AV
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AW
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50
Vanadium	48.9	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AX
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Zinc	45.5	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEF1AO
		Dilution Factor: 1			Analysis Time...: 22:47		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0
Prep Batch #....: 0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/01/00	DNWEF1AA
		Dilution Factor: 1			Analysis Time...: 19:29		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020

NOTE(S) :

B Estimated result. Result is less than RL.

0079

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## TOTAL Metals

Lot-Sample #....: E0J260327-010 Matrix.....: SOLID  
 Date Sampled....: 10/26/00 12:47 Date Received..: 10/26/00 17:15  
 % Moisture.....:

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING			<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>	<u>ANALYSIS DATE</u>			
Prep Batch #....:	0304274						
Aluminum	23500	20.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AF
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	003119
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	8.0
Arsenic	3.5	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AG
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.40
Antimony	0.25 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AH
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.20
Barium	131	2.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AJ
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.10
Cadmium	0.82	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AK
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.050
Chromium	23.0	1.0	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AL
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.10
Beryllium	0.62	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AM
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.050
Lead	5.3	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AN
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.30
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00	DNWEH1AP
		Dilution Factor: 1		Analysis Time...: 23:09		Analyst ID.....:	0031196
		Instrument ID...: M01		MS Run #.....: 0304136		MDL.....:	0.40

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0030

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-262-5

## TOTAL Metals

Lot-Sample #....: E0J260327-010

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AQ
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Cobalt	9.3	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AR
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Copper	18.2	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AT
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40
Molybdenum	0.82 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AU
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Nickel	15.3	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AV
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AW
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50
Vanadium	44.0	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AX
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Zinc	55.9	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEH1AO
		Dilution Factor: 1			Analysis Time...: 23:09		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0
Prep Batch #....: 0304281							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/01/00	DNWEH1AA
		Dilution Factor: 1			Analysis Time...: 19:31		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020

## NOTE(S) :

B Estimated result. Result is less than RL.

0081

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## TOTAL Metals

Lot-Sample #...: E0J260327-012 Matrix.....: SOLID  
 Date Sampled...: 10/26/00 13:25 Date Received..: 10/26/00 17:15  
 % Moisture.....:

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING			<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>	<u>ANALYSIS DATE</u>			
Prep Batch #...: 0304274							
Aluminum	30200	20.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AF	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 003119		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 8.0		
Arsenic	4.4	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AG	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		
Antimony	0.56 B	6.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AH	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.20		
Barium	222	2.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AJ	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Cadmium	0.77	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AK	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Chromium	31.8	1.0	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AL	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.10		
Beryllium	0.80	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AM	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.050		
Lead	6.5	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AN	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.30		
Selenium	ND	0.50	mg/kg	SW846 6010B		10/30-11/02/00 DNWEK1AP	
		Dilution Factor: 1		Analysis Time...: 23:17	Analyst ID.....: 0031196		
		Instrument ID...: M01		MS Run #.....: 0304136	MDL.....: 0.40		

(Continued on next page)

## KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-263-5

## TOTAL Metals

Lot-Sample #....: E0J260327-012

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Silver	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AQ
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Cobalt	11.7	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AR
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Copper	26.2	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AT
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.40
Molybdenum	1.2 B	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AU
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Nickel	23.4	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AV
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.30
Thallium	ND	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AW
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.50
Vanadium	65.8	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AX
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 0.10
Zinc	72.5	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DNWEK1AO
		Dilution Factor: 1			Analysis Time...: 23:17		Analyst ID.....: 0031196
		Instrument ID...: M01			MS Run #.....: 0304136		MDL.....: 1.0
<b>Prep Batch #....: 0304281</b>							
Mercury	ND	0.10	mg/kg		SW846 7471A	10/31-11/01/00	DNWEK1AA
		Dilution Factor: 1			Analysis Time...: 19:33		Analyst ID.....: 0210886
		Instrument ID...: M04			MS Run #.....: 0304138		MDL.....: 0.020

**NOTE(S) :**

B Estimated result. Result is less than RL.

0083

BOE-C6-0168730

# QC DATA ASSOCIATION SUMMARY

E0J260327

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136
002	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 8260B		0309145	0309032
003	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 8260B		0312245	0312091
004	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136
005	SOLID	SW846 8260B		0312245	0312091
006	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136
007	SOLID	SW846 8260B		0312245	0312091
008	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136
009	SOLID	SW846 8260B		0312245	0312091
010	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136

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0034

# QC DATA ASSOCIATION SUMMARY

E0J260327

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
011	SOLID	SW846 8260B		0312245	0312091
012	SOLID	SW846 8015B		0301527	0301266
	SOLID	SW846 8015B		0304512	0307258
	SOLID	SW846 7471A		0304281	0304138
	SOLID	SW846 8260B		0312245	0312091
	SOLID	SW846 6010B		0304274	0304136
013	SOLID	SW846 8260B		0312245	0312091
014	WATER	SW846 8260B		0303095	0303005
015	WATER	SW846 8260B		0303095	0303005

0035

BOE-C6-0168732

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J290000-095 B Work Order #: DN17X1AA Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

0036

BOE-C6-0168733

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0K040000-145 B Work Order #: DPDFD1AA Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0087

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0K070000-245 B Work Order #: DPF061AA

Matrix: SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/kg

0038

BOE-C6-0168735

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: E0J260327  
MB Lot-Sample #: E0J270000-527  
Analysis Date...: 11/15/00  
Dilution Factor: 1

Work Order #....: DN0TW1AA  
Prep Date.....: 10/27/00  
Prep Batch #....: 0301527  
Analyst ID.....: 356074

Matrix.....: SOLID  
Analysis Time...: 18:30  
Instrument ID...: G01

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY		
		RECOVERY	LIMITS	
Benzo(a)pyrene	102	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

0039

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327  
 MB Lot-Sample #: E0J290000-095  
 Analysis Date...: 10/27/00  
 Dilution Factor: 1

Work Order #....: DN17X1AA  
 Prep Date.....: 10/27/00  
 Prep Batch #: 0303095  
 Analyst ID.....: 015590

Matrix.....: WATER  
 Analysis Time...: 18:53  
 Instrument ID...: MSC

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1-Bromo-2-chloroethane	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B

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0030

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327

Work Order #....: DN17X1AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro- benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Iodomethane	ND	5.0	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
<u>SURROGATE</u>		PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	
Bromofluorobenzene		99	(75 - 120)	

(Continued on next page)

0091

METHOD BLANK REPORT  
GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DN17X1AA      Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING			<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>		
1,2-Dichloroethane-d4	100	(65 - 130)			
Toluene-d8	101	(80 - 130)			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

0092

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E0J260327  
MB Lot-Sample #: E0J300000-512

Analysis Date...: 10/27/00  
Dilution Factor: 1

Work Order #....: DN9NC1AA

Prep Date.....: 10/27/00  
Prep Batch #: 0304512

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time...: 19:56  
Instrument ID...: G16

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	97	(60 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

0093

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327  
 MB Lot-Sample #: E0K040000-145  
 Analysis Date...: 11/03/00  
 Dilution Factor: 1

Work Order #....: DPDFD1AA  
 Prep Date.....: 11/03/00  
 Prep Batch #....: 0309145  
 Analyst ID.....: 015590

Matrix.....: SOLID  
 Analysis Time...: 22:15  
 Instrument ID...: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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0094

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #...: E0J260327

Work Order #...: DPDFD1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	107	(70 - 130)		
1,2-Dichloroethane-d4	93	(60 - 140)		
Toluene-d8	107	(70 - 130)		

## NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

0095

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327  
 MB Lot-Sample #: E0K070000-245  
 Analysis Date...: 11/04/00  
 Dilution Factor: 1

Work Order #....: DPF061AA  
 Prep Date.....: 11/04/00  
 Prep Batch #....: 0312245  
 Analyst ID.....: 015590

Matrix.....: SOLID  
 Analysis Time...: 10:43  
 Instrument ID...: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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0096

## METHOD BLANK REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327

Work Order #....: DPF061AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene		112	(70 - 130)	
1,2-Dichloroethane-d4		94	(60 - 140)	
Toluene-d8		103	(70 - 130)	

## NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

0097

## METHOD BLANK REPORT

## TOTAL Metals

Client Lot #....: E0J260327

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MB Lot-Sample #: E0J300000-274 Prep Batch #....: 0304274</b>						
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AA
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AC
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	0.34 B	6.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AD
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AE
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AF
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	0.17 B	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AG
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AH
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AJ
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AK
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AL
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/30-11/02/00	DN2QR1AM
		Dilution Factor: 1				
		Analysis Time...: 03:42		Analyst ID.....: 003119	Instrument ID...: M01	

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0098

## METHOD BLANK REPORT

## TOTAL Metals

Client Lot #....: E0J260327

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Copper	ND	2.5	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AN
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Molybdenum	ND	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AP
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Nickel	ND	4.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AQ
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Thallium	0.55 B	1.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AR
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Vanadium	ND	5.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AT
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01
Zinc	ND	2.0	mg/kg		SW846 6010B	10/30-11/02/00	DN2QR1AU
		Dilution Factor: 1					
		Analysis Time...: 03:42			Analyst ID.....: 003119		Instrument ID...: M01

MB Lot-Sample #: E0J300000-281 Prep Batch #....: 0304281

Mercury	ND	0.10	mg/kg	SW846 7471A	10/31-11/02/00	DN2QW1AA
		Dilution Factor: 1				
		Analysis Time...: 10:07		Analyst ID.....: 021088		Instrument ID...: M04

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

0099

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC Semivolatiles

Client Lot #....: E0J260327      Work Order #....: DN0TW1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0J270000-527  
 Prep Date.....: 10/27/00      Analysis Date...: 11/15/00  
 Prep Batch #....: 0301527      Analysis Time...: 00:46  
 Dilution Factor: 1      Instrument ID...: G01  
 Analyst ID.....: 356074

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>PERCENT</u> <u>UNITS</u>	<u>RECOVERY</u>	<u>METHOD</u>
TPH (as Diesel)	250	262	mg/kg	105	SW846 8015B
<u>SURROGATE</u>		PERCENT RECOVERY	RECOVERY <u>LIMITS</u>		
Benzo(a)pyrene		104	(60 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DN17X1AC      Matrix.....: WATER  
 LCS Lot-Sample#: E0J290000-095  
 Prep Date.....: 10/27/00      Analysis Date...: 10/27/00  
 Prep Batch #....: 0303095      Analysis Time...: 18:23  
 Dilution Factor: 1      Instrument ID...: MSC  
 Analyst ID.....: 015590

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
Benzene	10.0	8.67	ug/L	87	SW846 8260B
Chlorobenzene	10.0	8.54	ug/L	85	SW846 8260B
1,1-Dichloroethene	10.0	8.57	ug/L	86	SW846 8260B
Toluene	10.0	8.93	ug/L	89	SW846 8260B
Trichloroethene	10.0	8.82	ug/L	88	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	102	(75 - 120)
1,2-Dichloroethane-d4	93	(65 - 130)
Toluene-d8	105	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0100

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC Volatiles

**Client Lot #....:** E0J260327    **Work Order #....:** DN9NC1AC    **Matrix.....:** SOLID  
**LCS Lot-Sample#:** E0J300000-512  
**Prep Date.....:** 10/27/00    **Analysis Date...:** 10/27/00  
**Prep Batch #....:** 0304512    **Analysis Time...:** 19:27  
**Dilution Factor:** 1    **Instrument ID...:** G16  
**Analyst ID.....:** 001464

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>PERCENT</u> <u>UNITS</u>	<u>RECOVERY</u>	<u>METHOD</u>
<u>TPH (as Gasoline)</u>	5.00	5.49	mg/kg	110	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)		114	(60 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0101

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DPDFD1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K040000-145  
 Prep Date.....: 11/03/00      Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145      Analysis Time...: 21:42  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 015590

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>
				<u>METHOD</u>
1,1-Dichloroethene	50.0	69.2	ug/kg	138
Benzene	50.0	56.7	ug/kg	113
Trichloroethene	50.0	61.0	ug/kg	122
Toluene	50.0	55.4	ug/kg	111
Chlorobenzene	50.0	52.7	ug/kg	105

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	106	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0102

## LABORATORY CONTROL SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DPF061AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E0K070000-245  
 Prep Date.....: 11/04/00      Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245      Analysis Time...: 10:10  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 015590

<u>PARAMETER</u>	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	UNITS	PERCENT <u>RECOVERY</u>	METHOD
1,1-Dichloroethene	50.0	61.0	ug/kg	122	SW846 8260B
Benzene	50.0	54.6	ug/kg	109	SW846 8260B
Trichloroethene	50.0	56.2	ug/kg	112	SW846 8260B
Toluene	50.0	52.6	ug/kg	105	SW846 8260B
Chlorobenzene	50.0	49.7	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	108	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0103

**LABORATORY CONTROL SAMPLE DATA REPORT**

**TOTAL Metals**

Client Lot #....: E0J260327						Matrix.....: SOLID
PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	PREPARATION- ANALYSIS DATE METHOD	WORK ORDER #
<b>LCS Lot-Sample#: E0J300000-274 Prep Batch #....: 0304274</b>						
Aluminum	200	190	mg/kg	95	SW846 6010B	10/30-11/02/00 DN2QR1AV
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Arsenic	200	191	mg/kg	95	SW846 6010B	10/30-11/02/00 DN2QR1AW
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Antimony	50.0	48.4	mg/kg	97	SW846 6010B	10/30-11/02/00 DN2QR1AX
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Barium	200	199	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A0
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Cadmium	5.00	5.18	mg/kg	104	SW846 6010B	10/30-11/02/00 DN2QR1A1
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Chromium	20.0	20.7	mg/kg	103	SW846 6010B	10/30-11/02/00 DN2QR1A2
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Beryllium	5.00	4.94	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A3
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Lead	50.0	49.6	mg/kg	99	SW846 6010B	10/30-11/02/00 DN2QR1A4
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Selenium	200	192	mg/kg	96	SW846 6010B	10/30-11/02/00 DN2QR1A5
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01
Silver	5.00	4.56	mg/kg	91	SW846 6010B	10/30-11/02/00 DN2QR1A6
			Dilution Factor:	1		
			Analysis Time..:	03:48	Analyst ID.....: 003119	Instrument ID..: M01

(Continued on next page)

**LABORATORY CONTROL SAMPLE DATA REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
	AMOUNT	AMOUNT		RECVRY	METHOD			
Cobalt	50.0	52.4	mg/kg	105	SW846	6010B	10/30-11/02/00	DN2QR1A7
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Copper	25.0	24.6	mg/kg	98	SW846	6010B	10/30-11/02/00	DN2QR1A8
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Molybdenum	100	97.9	mg/kg	98	SW846	6010B	10/30-11/02/00	DN2QR1A9
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Nickel	50.0	51.6	mg/kg	103	SW846	6010B	10/30-11/02/00	DN2QR1CA
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Thallium	200	198	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CC
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Vanadium	50.0	49.6	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CD
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
Zinc	50.0	49.4	mg/kg	99	SW846	6010B	10/30-11/02/00	DN2QR1CE
			Dilution Factor: 1					
			Analysis Time...: 03:48			Analyst ID.....: 003119		Instrument ID...: M01
LCS Lot-Sample#:	E0J300000-281	Prep Batch #....:	0304281					
Mercury	0.833	0.849	mg/kg	102	SW846	7471A	10/31-11/02/00	DN2QW1AC
			Dilution Factor: 1					
			Analysis Time...: 10:09			Analyst ID.....: 021088		Instrument ID...: M04

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

0105

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E0J260327      Work Order #....: DN0TW1AC      Matrix.....: SOLID  
LCS Lot-Sample#: E0J270000-527  
Prep Date.....: 10/27/00      Analysis Date...: 11/15/00  
Prep Batch #....: 0301527      Analysis Time...: 00:46  
Dilution Factor: 1      Instrument ID...: G01  
Analyst ID.....: 356074

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u> (60 - 130)	<u>METHOD</u>
TPH (as Diesel)	105		SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Benzo(a)pyrene		104	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

U16b

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC/MS Volatiles

**Client Lot #....:** E0J260327      **Work Order #....:** DN17X1AC      **Matrix.....:** WATER  
**LCS Lot-Sample#:** E0J290000-095  
**Prep Date.....:** 10/27/00      **Analysis Date...:** 10/27/00  
**Prep Batch #....:** 0303095      **Analysis Time...:** 18:23  
**Dilution Factor:** 1      **Instrument ID..:** MSC  
**Analyst ID.....:** 015590

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Benzene	87	(75 - 120)	SW846 8260B
Chlorobenzene	85	(80 - 120)	SW846 8260B
1,1-Dichloroethene	86	(70 - 130)	SW846 8260B
Toluene	89	(80 - 120)	SW846 8260B
Trichloroethene	88	(75 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	102	(75 - 120)	
1,2-Dichloroethane-d4	93	(65 - 130)	
Toluene-d8	105	(80 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0107

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0J260327      Work Order #....: DN9NC1AC      Matrix.....: SOLID  
LCS Lot-Sample#: E0J300000-512  
Prep Date.....: 10/27/00      Analysis Date...: 10/27/00  
Prep Batch #:....: 0304512      Analysis Time...: 19:27  
Dilution Factor: 1      Instrument ID...: G16  
Analyst ID.....: 001464

PARAMETER	PERCENT	RECOVERY	METHOD
	RECOVERY	LIMITS	
TPH (as Gasoline)	110	(80 - 140)	SW846 8015B
SURROGATE	PERCENT	RECOVERY	
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS	
	114	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0108

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC/MS Volatiles

**Client Lot #....:** E0J260327      **Work Order #....:** DPDFD1AC      **Matrix.....:** SOLID  
**LCS Lot-Sample#:** E0K040000-145  
**Prep Date.....:** 11/03/00      **Analysis Date...:** 11/03/00  
**Prep Batch #....:** 0309145      **Analysis Time..:** 21:42  
**Dilution Factor:** 1      **Instrument ID..:** MSG  
**Analyst ID.....:** 015590

<u>PARAMETER</u>	PERCENT	RECOVERY	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,1-Dichloroethene	138	(60 - 150)	SW846 8260B
Benzene	113	(70 - 140)	SW846 8260B
Trichloroethene	122	(70 - 130)	SW846 8260B
Toluene	111	(70 - 130)	SW846 8260B
Chlorobenzene	105	(70 - 130)	SW846 8260B

  

<u>SURROGATE</u>	PERCENT	RECOVERY	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	106	(70 - 130)	
1,2-Dichloroethane-d4	102	(60 - 140)	
Toluene-d8	106	(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0109

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DPF061AC      Matrix.....: SOLID  
**LCS Lot-Sample#:** E0K070000-245  
 Prep Date.....: 11/04/00      Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245      Analysis Time...: 10:10  
 Dilution Factor: 1      Instrument ID...: MSG  
 Analyst ID.....: 015590

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,1-Dichloroethene	122	(60 - 150)	SW846 8260B
Benzene	109	(70 - 140)	SW846 8260B
Trichloroethene	112	(70 - 130)	SW846 8260B
Toluene	105	(70 - 130)	SW846 8260B
Chlorobenzene	99	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
Toluene-d8	108	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0110

## LABORATORY CONTROL SAMPLE EVALUATION REPORT

## TOTAL Metals

Client Lot #....: E0J260327

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	E0J300000-274	Prep Batch #....: 0304274			
Aluminum	95	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1AV
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	95	(75 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1AW
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Antimony	97	(75 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1AX
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Barium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1AO
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	104	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A1
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Chromium	103	(85 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A2
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A3
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Lead	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A4
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Selenium	96	(70 - 115)	SW846 6010B	10/30-11/02/00	DN2QR1A5
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01
Silver	91	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A6
		Dilution Factor: 1			
		Analysis Time...: 03:48		Analyst ID.....: 003119	Instrument ID...: M01

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0111

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Cobalt	105	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A7
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Copper	98	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A8
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	98	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1A9
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	103	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CA
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	99	(75 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CC
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CD
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	99	(80 - 120)	SW846 6010B	10/30-11/02/00	DN2QR1CE
		Dilution Factor: 1			
		Analysis Time...: 03:48	Analyst ID.....: 003119	Instrument ID...: M01	
LCS Lot-Sample#:	E0J300000-281	Prep Batch #....:	0304281		
Mercury	102	(85 - 115)	SW846 7471A	10/31-11/02/00	DN2QW1AC
		Dilution Factor: 1			
		Analysis Time...: 10:09	Analyst ID.....: 021088	Instrument ID...: M04	

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

0112

**MATRIX SPIKE SAMPLE DATA REPORT**

**GC/MS Volatiles**

Client Lot #....: E0J260327      Work Order #....: DNN411AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: E0J240279-001      DNN411AD-MSD  
 Date Sampled....: 10/24/00 07:30 Date Received...: 10/24/00 16:50 MS Run #.....: 0303005  
 Prep Date.....: 10/27/00 Analysis Date...: 10/28/00  
 Prep Batch #....: 0303095 Analysis Time...: 04:47  
 Dilution Factor: 1 Analyst ID.....: 015590      Instrument ID...: MSC

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Benzene	ND	10.0	8.71	ug/L	87		SW846 8260B
	ND	10.0	8.80	ug/L	88	1.0	SW846 8260B
Chlorobenzene	ND	10.0	8.54	ug/L	85		SW846 8260B
	ND	10.0	8.65	ug/L	86	1.3	SW846 8260B
1,1-Dichloroethene	ND	10.0	8.62	ug/L	86		SW846 8260B
	ND	10.0	8.53	ug/L	85	1.0	SW846 8260B
Toluene	ND	10.0	8.67	ug/L	87		SW846 8260B
	ND	10.0	9.15	ug/L	92	5.4	SW846 8260B
Trichloroethene	ND	10.0	9.39	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.4	SW846 8260B

SURROGATE	PERCENT		RECOVERY	LIMITS
	RECOVERY	LIMITS		
Bromofluorobenzene	107		(75 - 120)	
1,2-Dichloroethane-d4	107		(75 - 120)	
	117		(65 - 130)	
	117		(65 - 130)	
Toluene-d8	101		(80 - 130)	
	107		(80 - 130)	

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0113

**MATRIX SPIKE SAMPLE DATA REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received...:** 10/25/00 16:00

SAMPLE PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	PREPARATION- ANALYSIS DATE	WORK ORDER #
------------------	--------------	-----------------	-------	---------------	-----	----------------------------	--------------

**MS Lot-Sample #:** E0J250276-001 **Prep Batch #....:** 0304274

**Aluminum**

26600	200	27000	NC mg/kg	SW846	6010B	10/30-11/02/00	DNRCJ1A2
26600	200	25800	NC mg/kg	SW846	6010B	10/30-11/02/00	DNRCJ1A3
Dilution Factor: 1							
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119	
MS Run #.....: 0304136							

**Arsenic**

4.4	200	185	mg/kg	90	SW846	6010B	10/30-11/02/00	DNRCJ1A4	
4.4	200	181	mg/kg	88	2.2	SW846	6010B	10/30-11/02/00	DNRCJ1A5
Dilution Factor: 1									
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 0304136									

**Antimony**

0.97	50.0	14.6	N mg/kg	27	SW846	6010B	10/30-11/02/00	DNRCJ1A6	
0.97	50.0	14.6	N mg/kg	27	0.04	SW846	6010B	10/30-11/02/00	DNRCJ1A7
Dilution Factor: 1									
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 0304136									

**Barium**

178	200	358	mg/kg	90	SW846	6010B	10/30-11/02/00	DNRCJ1A8	
178	200	358	mg/kg	90	0.0	SW846	6010B	10/30-11/02/00	DNRCJ1A9
Dilution Factor: 1									
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 0304136									

**Cadmium**

0.76	5.00	5.60	mg/kg	97	SW846	6010B	10/30-11/02/00	DNRCJ1CA	
0.76	5.00	5.54	mg/kg	95	1.1	SW846	6010B	10/30-11/02/00	DNRCJ1CC
Dilution Factor: 1									
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 0304136									

**Chromium**

30.1	20.0	48.8	mg/kg	94	SW846	6010B	10/30-11/02/00	DNRCJ1CD	
30.1	20.0	47.2	mg/kg	86	3.4	SW846	6010B	10/30-11/02/00	DNRCJ1CE
Dilution Factor: 1									
Analysis Time...: 04:12				Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 0304136									

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0114

**MATRIX SPIKE SAMPLE DATA REPORT**

**TOTAL Metals**

Client Lot #....: E0J260327

Matrix.....: SOLID

Date Sampled...: 10/25/00 08:10 Date Received...: 10/25/00 16:00

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
	AMOUNT	AMT	AMOUNT		RECVRY	RPD			
<b>Beryllium</b>									
	0.71	5.00	5.52	mg/kg	96		SW846 6010B	10/30-11/02/00	DNRCJ1CF
	0.71	5.00	5.37	mg/kg	93	2.6	SW846 6010B	10/30-11/02/00	DNRCJ1CG
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Lead</b>									
	7.1	50.0	54.2	mg/kg	94		SW846 6010B	10/30-11/02/00	DNRCJ1CH
	7.1	50.0	53.1	mg/kg	92	2.1	SW846 6010B	10/30-11/02/00	DNRCJ1CJ
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Selenium</b>									
	ND	200	181	mg/kg	90		SW846 6010B	10/30-11/02/00	DNRCJ1CK
	ND	200	180	mg/kg	90	0.38	SW846 6010B	10/30-11/02/00	DNRCJ1CL
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Silver</b>									
	ND	5.00	3.94 N	mg/kg	79		SW846 6010B	10/30-11/02/00	DNRCJ1CM
	ND	5.00	3.90 N	mg/kg	78	0.94	SW846 6010B	10/30-11/02/00	DNRCJ1CN
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Cobalt</b>									
	11.0	50.0	60.6	mg/kg	99		SW846 6010B	10/30-11/02/00	DNRCJ1CP
	11.0	50.0	59.1	mg/kg	96	2.6	SW846 6010B	10/30-11/02/00	DNRCJ1CQ
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Copper</b>									
	24.5	25.0	48.1	mg/kg	94		SW846 6010B	10/30-11/02/00	DNRCJ1CR
	24.5	25.0	45.9	mg/kg	86	4.7	SW846 6010B	10/30-11/02/00	DNRCJ1CT
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								
<b>Molybdenum</b>									
	1.4	100	89.5	mg/kg	88		SW846 6010B	10/30-11/02/00	DNRCJ1CU
	1.4	100	87.2	mg/kg	86	2.7	SW846 6010B	10/30-11/02/00	DNRCJ1CV
	Dilution Factor: 1								
	Analysis Time...: 04:12								
	MS Run #.....: 0304136								

0115

**MATRIX SPIKE SAMPLE DATA REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received...:** 10/25/00 16:00

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT			PREPARATION-	WORK	ORDER #				
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD							
<b>Nickel</b>													
	21.6	50.0	69.6	mg/kg	96		SW846 6010B	10/30-11/02/00	DNRCJ1CW				
	21.6	50.0	67.8	mg/kg	92	2.6	SW846 6010B	10/30-11/02/00	DNRCJ1CX				
	Dilution Factor: 1												
	Analysis Time...: 04:12					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 0304136												
<b>Thallium</b>													
	1.3	200	194	mg/kg	96		SW846 6010B	10/30-11/02/00	DNRCJ1C0				
	1.3	200	189	mg/kg	94	2.2	SW846 6010B	10/30-11/02/00	DNRCJ1C1				
	Dilution Factor: 1												
	Analysis Time...: 04:12					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 0304136												
<b>Vanadium</b>													
	59.2	50.0	106	mg/kg	93		SW846 6010B	10/30-11/02/00	DNRCJ1C2				
	59.2	50.0	101	mg/kg	84	4.6	SW846 6010B	10/30-11/02/00	DNRCJ1C3				
	Dilution Factor: 1												
	Analysis Time...: 04:12					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 0304136												
<b>Zinc</b>													
	63.0	50.0	108	mg/kg	91		SW846 6010B	10/30-11/02/00	DNRCJ1C4				
	63.0	50.0	105	mg/kg	84	3.0	SW846 6010B	10/30-11/02/00	DNRCJ1C5				
	Dilution Factor: 1												
	Analysis Time...: 04:12					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 0304136												

**MS Lot-Sample #:** E0J250276-001 **Prep Batch #....:** 0304281

**Mercury**

ND	0.167	0.166	mg/kg	99		SW846 7471A	10/31-11/02/00	DNRCJ1C6
ND	0.167	0.170	mg/kg	102	2.6	SW846 7471A	10/31-11/02/00	DNRCJ1C7
Dilution Factor: 1								
Analysis Time...: 10:12					Instrument ID...: M04		Analyst ID.....: 021088	
MS Run #.....: 0304138								

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

0116

## MATRIX SPIKE SAMPLE DATA REPORT

## GC Semivolatiles

Client Lot #....: E0J260327 Work Order #....: DNWAP1A3-MS Matrix.....: SOLID  
MS Lot-Sample #: E0J260321-003 DNWAP1A4-MSD  
Date Sampled...: 10/25/00 13:43 Date Received..: 10/26/00 16:40 MS Run #:....: 0301266  
Prep Date.....: 10/27/00 Analysis Date...: 11/15/00  
Prep Batch #....: 0301527 Analysis Time...: 01:46  
Dilution Factor: 1 % Moisture.....: 100 Analyst ID....: 356074  
Instrument ID...: G01

PARAMETER	SAMPLE	SPike	MEASRD	PERCENT		METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	
TPH (as Diesel)		250	242	mg/kg	97	SW846 8015B
		250	216	mg/kg	86	12 SW846 8015B
SURROGATE				PERCENT		RECOVERY
Benzo(a)pyrene				RECOVERY		LIMITS
				97		(60 - 130)
				86		(60 - 130)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**Bold print** denotes control parameters

0117

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DNWCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260321-017      DNWCJ1A1-MSD  
 Date Sampled....: 10/26/00 13:07 Date Received...: 10/26/00 16:40 MS Run #.....: 0309032  
 Prep Date.....: 11/03/00 Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145 Analysis Time...: 23:22  
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 015590  
 Instrument ID...: MSG

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
1,1-Dichloroethene	ND	50.0	49.7	ug/kg	99		SW846 8260B
	ND	50.0	50.3	ug/kg	101	1.2	SW846 8260B
Benzene	ND	50.0	51.8	ug/kg	104		SW846 8260B
	ND	50.0	52.2	ug/kg	104	0.73	SW846 8260B
Trichloroethene	2.1	50.0	49.3	ug/kg	94		SW846 8260B
	2.1	50.0	50.0	ug/kg	96	1.3	SW846 8260B
Toluene	ND	50.0	49.7	ug/kg	99		SW846 8260B
	ND	50.0	51.3	ug/kg	103	3.2	SW846 8260B
Chlorobenzene	ND	50.0	47.5	ug/kg	95		SW846 8260B
	ND	50.0	48.6	ug/kg	97	2.1	SW846 8260B

SURROGATE	PERCENT		RECOVERY
	RECOVERY	LIMITS	
Bromofluorobenzene	108	(70 - 130)	
	110	(70 - 130)	
1,2-Dichloroethane-d4	99	(60 - 140)	
	99	(60 - 140)	
Toluene-d8	105	(70 - 130)	
	106	(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0118

## MATRIX SPIKE SAMPLE DATA REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DNWD01A1-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260327-001      DNWD01A2-MSD  
 Date Sampled....: 10/26/00 09:42 Date Received...: 10/26/00 17:15 MS Run #.....: 0312091  
 Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
 Prep Batch #....: 0312245 Analysis Time...: 12:24  
 Dilution Factor: 1 % Moisture.....:  
 Instrument ID...: MSG Analyst ID.....: 015590

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
1,1-Dichloroethene	ND	50.0	51.3	ug/kg	103		SW846 8260B
	ND	50.0	50.4	ug/kg	101	1.9	SW846 8260B
Benzene	ND	50.0	49.7	ug/kg	99		SW846 8260B
	ND	50.0	52.1	ug/kg	104	4.6	SW846 8260B
Trichloroethene	ND	50.0	48.5	ug/kg	97		SW846 8260B
	ND	50.0	48.2	ug/kg	96	0.62	SW846 8260B
Toluene	ND	50.0	49.8	ug/kg	100		SW846 8260B
	ND	50.0	49.7	ug/kg	99	0.22	SW846 8260B
Chlorobenzene	ND	50.0	47.9	ug/kg	96		SW846 8260B
	ND	50.0	47.2	ug/kg	94	1.4	SW846 8260B

SURROGATE	PERCENT		RECOVERY	LIMITS
	RECOVERY			
Bromofluorobenzene	115		(70 - 130)	
	115		(70 - 130)	
1,2-Dichloroethane-d4	95		(60 - 140)	
	102		(60 - 140)	
Toluene-d8	104		(70 - 130)	
	104		(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E0J260327      Work Order #....: DNWEK1A1-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260327-012      DNWEK1A2-MSD  
 Date Sampled....: 10/26/00 13:25 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
 Prep Date.....: 10/27/00      Analysis Date...: 10/28/00  
 Prep Batch #....: 0304512      Analysis Time...: 00:41  
 Dilution Factor: 1      % Moisture.....:  
 Instrument ID...: G16      Analyst ID.....: 001464

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Gasoline)		5.00	4.27	mg/kg	85		SW846 8015B
		5.00	4.78	mg/kg	96	11	SW846 8015B
<hr/>			<hr/>			<hr/>	
<hr/>			<hr/>			<hr/>	
SURROGATE			PERCENT			RECOVERY	
a,a,a-Trifluorotoluene			<hr/>			<hr/>	
(TFT)			RECOVERY			LIMITS	
			<hr/>			<hr/>	
			110			(60 - 130)	
			<hr/>			<hr/>	
			112			(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0120

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DNN411AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: E0J240279-001      DNN411AD-MSD  
 Date Sampled...: 10/24/00 07:30 Date Received...: 10/24/00 16:50 MS Run #.....: 0303005  
 Prep Date.....: 10/27/00 Analysis Date...: 10/28/00  
 Prep Batch #....: 0303095 Analysis Time...: 04:47  
 Dilution Factor: 1 Analyst ID.....: 015590      Instrument ID...: MSC

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
Benzene	87	(75 - 120)	1.0	(0-25)	SW846 8260B
	88	(75 - 120)			SW846 8260B
Chlorobenzene	85	(80 - 120)	1.3	(0-25)	SW846 8260B
	86	(80 - 120)			SW846 8260B
1,1-Dichloroethene	86	(70 - 130)	1.0	(0-25)	SW846 8260B
	85	(70 - 130)			SW846 8260B
Toluene	87	(80 - 120)	5.4	(0-25)	SW846 8260B
	92	(80 - 120)			SW846 8260B
Trichloroethene	94	(75 - 130)	2.4	(0-25)	SW846 8260B
	92	(75 - 130)			SW846 8260B
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		<u>LIMITS</u>	
Bromofluorobenzene	107			(75 - 120)	
	107			(75 - 120)	
1,2-Dichloroethane-d4	117			(65 - 130)	
	117			(65 - 130)	
Toluene-d8	101			(80 - 130)	
	107			(80 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0121

**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received..:** 10/25/00 16:00

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
<b>MS Lot-Sample #:</b> E0J250276-001 <b>Prep Batch #....:</b> 0304274						
Aluminum	NC	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1A2
	NC	(80 - 120)	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1A3
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Arsenic	90	(75 - 115)		SW846 6010B	10/30-11/02/00	DNRCJ1A4
	88	(75 - 115) 2.2	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1A5
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Antimony	27 N	(75 - 115)		SW846 6010B	10/30-11/02/00	DNRCJ1A6
	27 N	(75 - 115) 0.04	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1A7
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Barium	90	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1A8
	90	(80 - 120) 0.0	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1A9
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Cadmium	97	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CA
	95	(80 - 120) 1.1	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CC
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Chromium	94	(85 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CD
	86	(85 - 120) 3.4	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CE
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Beryllium	96	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CF
	93	(80 - 120) 2.6	(0-25)	SW846 6010B	10/30-11/02/00	DNRCJ1CG
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				

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**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received..:** 10/25/00 16:00

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
Lead	94	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CH
	92	(80 - 120)	2.1	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CJ
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Selenium	90	(70 - 115)		SW846 6010B	10/30-11/02/00	DNRCJ1CK
	90	(70 - 115)	0.38	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CL
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Silver	79 N	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CM
	78 N	(80 - 120)	0.94	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CN
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Cobalt	99	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CP
	96	(80 - 120)	2.6	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CQ
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Copper	94	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CR
	86	(80 - 120)	4.7	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CT
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Molybdenum	88	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CU
	86	(80 - 120)	2.7	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CV
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Nickel	96	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1CW
	92	(80 - 120)	2.6	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1CX
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		
Thallium	96	(75 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1C0
	94	(75 - 120)	2.2	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1C1
				Dilution Factor: 1		
				Analysis Time...: 04:12	Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 0304136		

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**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

**Client Lot #....:** E0J260327

**Matrix.....:** SOLID

**Date Sampled....:** 10/25/00 08:10 **Date Received..:** 10/25/00 16:00

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Vanadium	93	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1C2
	84	(80 - 120)	4.6	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1C3
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
Zinc	91	(80 - 120)		SW846 6010B	10/30-11/02/00	DNRCJ1C4
	84	(80 - 120)	3.0	(0-25) SW846 6010B	10/30-11/02/00	DNRCJ1C5
		Dilution Factor: 1				
		Analysis Time...: 04:12		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 0304136				
<b>MS Lot-Sample #:</b> E0J250276-001 <b>Prep Batch #....:</b> 0304281						
Mercury	99	(80 - 120)		SW846 7471A	10/31-11/02/00	DNRCJ1C6
	102	(80 - 120)	2.6	(0-20) SW846 7471A	10/31-11/02/00	DNRCJ1C7
		Dilution Factor: 1				
		Analysis Time...: 10:12		Instrument ID...: M04		Analyst ID.....: 021088
		MS Run #.....: 0304138				

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

0124

## MATRIX SPIKE SAMPLE EVALUATION REPORT

## GC Semivolatiles

Client Lot #....: E0J260327 Work Order #....: DNWAP1A3-MS Matrix.....: SOLID  
MS Lot-Sample #: E0J260321-003 DNWAP1A4-MSD  
Date Sampled...: 10/25/00 13:43 Date Received..: 10/26/00 16:40 MS Run #.....: 0301266  
Prep Date.....: 10/27/00 Analysis Date..: 11/15/00  
Prep Batch #....: 0301527 Analysis Time..: 01:46  
Dilution Factor: 1 % Moisture.....: 100 Analyst ID....: 356074  
Instrument ID...: G01

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	97	(60 - 130)			SW846 8015B
	86	(60 - 130)	12	(0-35)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
Benzo (a) pyrene		97		(60 - 130)	
		86		(60 - 130)	

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**Bold print** denotes control parameters

0125

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E0J260327      Work Order #....: DNWCJ1A0-MS      Matrix.....: SOLID  
 MS Lot-Sample #: E0J260321-017      DNWCJ1A1-MSD  
 Date Sampled...: 10/26/00 13:07 Date Received...: 10/26/00 16:40 MS Run #.....: 0309032  
 Prep Date.....: 11/03/00      Analysis Date...: 11/03/00  
 Prep Batch #....: 0309145      Analysis Time...: 23:22  
 Dilution Factor: 1      % Moisture.....: 100      Analyst ID.....: 015590  
 Instrument ID...: MSG

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	RECOVERY	LIMITS			
1,1-Dichloroethene	99	(60 - 150)			SW846 8260B
	101	(60 - 150)	1.2	(0-30)	SW846 8260B
Benzene	104	(70 - 140)			SW846 8260B
	104	(70 - 140)	0.73	(0-30)	SW846 8260B
Trichloroethene	94	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.3	(0-30)	SW846 8260B
Toluene	99	(70 - 130)			SW846 8260B
	103	(70 - 130)	3.2	(0-30)	SW846 8260B
Chlorobenzene	95	(70 - 130)			SW846 8260B
	97	(70 - 130)	2.1	(0-30)	SW846 8260B

<u>SURROGATE</u>	PERCENT	RECOVERY
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	108	(70 - 130)
	110	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
	99	(60 - 140)
Toluene-d8	105	(70 - 130)
	106	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

0126

## MATRIX SPIKE SAMPLE EVALUATION REPORT

## GC/MS Volatiles

Client Lot #....: E0J260327 Work Order #....: DNWD01A1-MS Matrix.....: SOLID  
MS Lot-Sample #: E0J260327-001 DNWD01A2-MSD  
Date Sampled...: 10/26/00 09:42 Date Received..: 10/26/00 17:15 MS Run #.....: 0312091  
Prep Date.....: 11/04/00 Analysis Date...: 11/04/00  
Prep Batch #....: 0312245 Analysis Time..: 12:24  
Dilution Factor: 1 % Moisture.....: Analyst ID....: 015590  
Instrument ID...: MSG

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	103	(60 - 150)	1.9	(0-30)	SW846 8260B
	101	(60 - 150)			SW846 8260B
Benzene	99	(70 - 140)	4.6	(0-30)	SW846 8260B
	104	(70 - 140)			SW846 8260B
Trichloroethene	97	(70 - 130)	0.62	(0-30)	SW846 8260B
	96	(70 - 130)			SW846 8260B
Toluene	100	(70 - 130)	0.22	(0-30)	SW846 8260B
	99	(70 - 130)			SW846 8260B
Chlorobenzene	96	(70 - 130)	1.4	(0-30)	SW846 8260B
	94	(70 - 130)			SW846 8260B

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Bromofluorobenzene	115	(70 - 130)
	115	(70 - 130)
1, 2-Dichloroethane-d4	95	(60 - 140)
	102	(60 - 140)
Toluene-d8	104	(70 - 130)
	104	(70 - 130)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**Bold print** denotes control parameters

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E0J260327      Work Order #....: DNWEK1A1-MS      Matrix.....: SOLID  
MS Lot-Sample #: E0J260327-012      DNWEK1A2-MSD  
Date Sampled....: 10/26/00 13:25 Date Received...: 10/26/00 17:15 MS Run #.....: 0307258  
Prep Date.....: 10/27/00      Analysis Date...: 10/28/00  
Prep Batch #....: 0304512      Analysis Time...: 00:41  
Dilution Factor: 1      % Moisture.....:  
Instrument ID...: G16      Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	LIMITS	METHOD
TPH (as Gasoline)	85	(80 - 140)			SW846 8015B
	96	(80 - 140)	11	(0-40)	SW846 8015B
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS			
a,a,a-Trifluorotoluene (TFT)	110			(60 - 130)	
	112			(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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